

FIG. 1

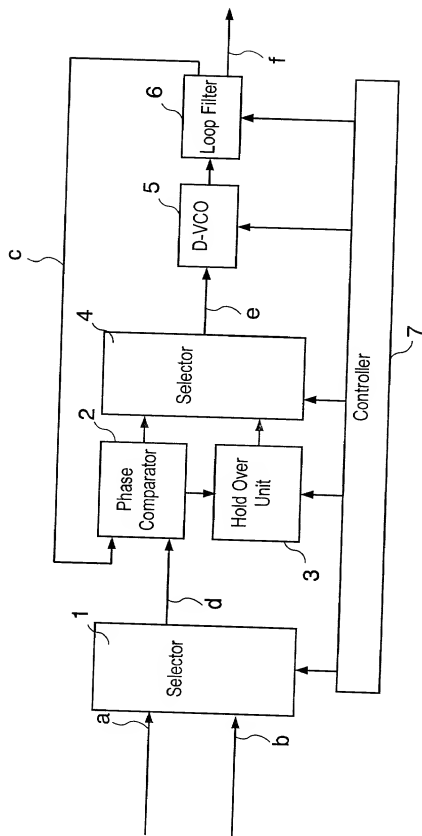


FIG. 2

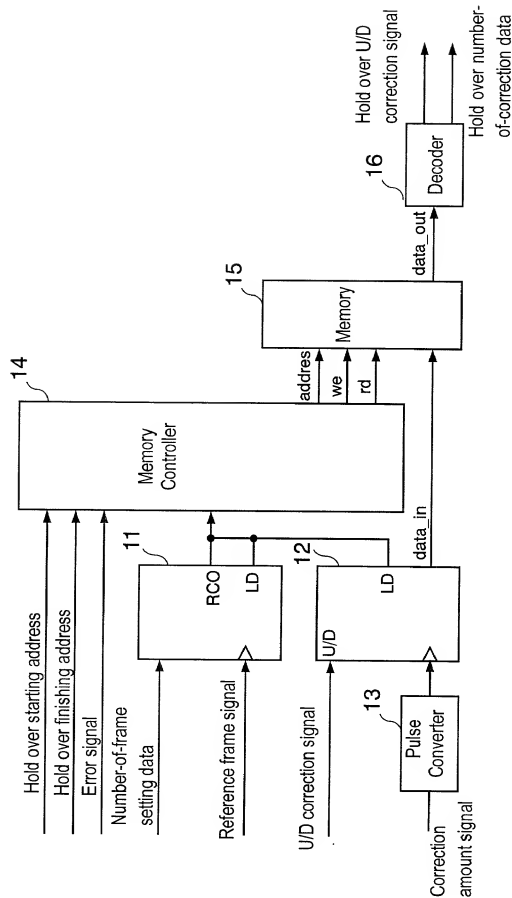


FIG. 3

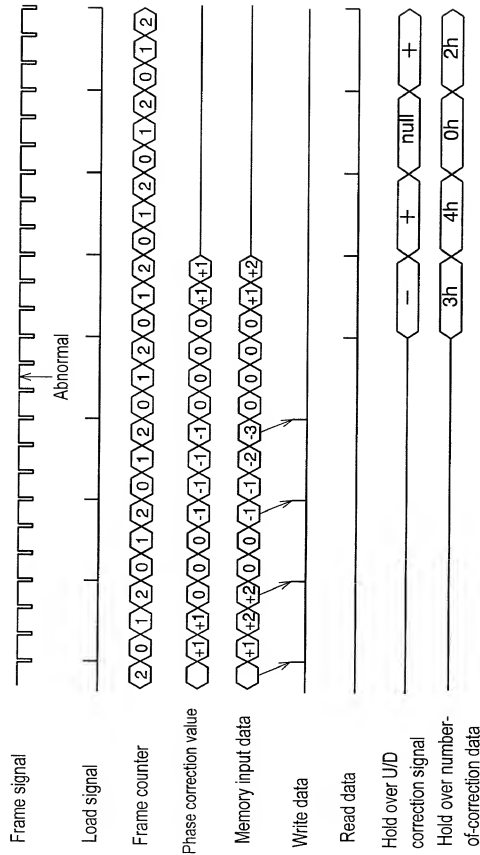


FIG. 4

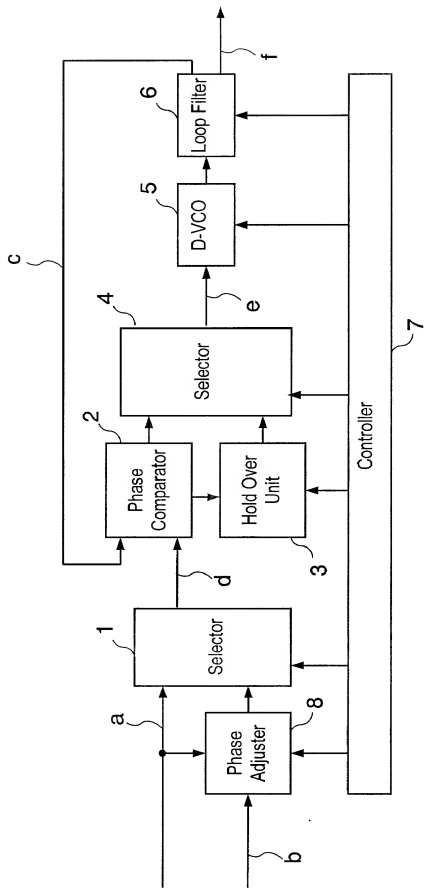


FIG. 5

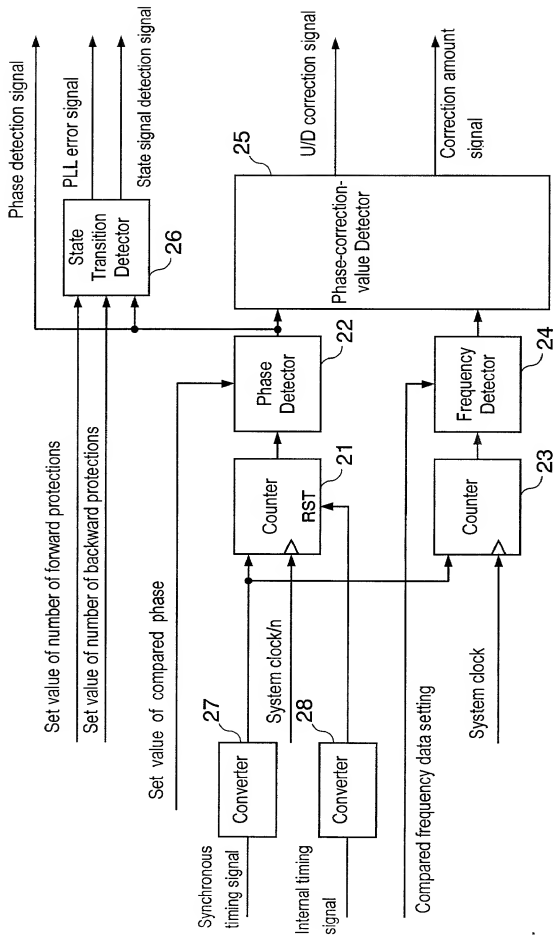


FIG. 6

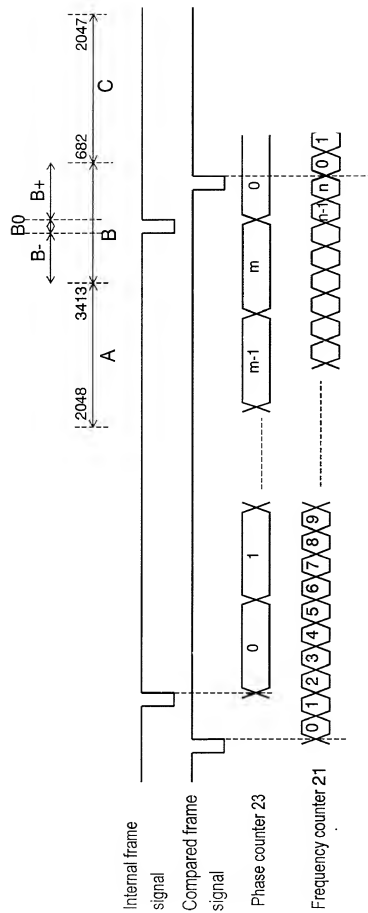


FIG. 7

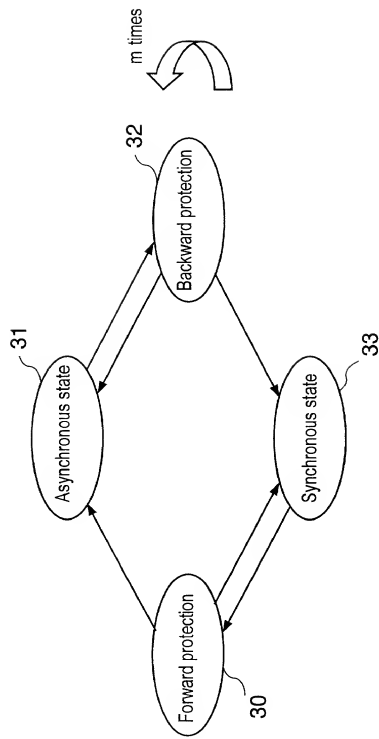


FIG. 8

Phase detector 22 (Count value)	Frequency detector 24 (Count value)	Phase-correction- value Detector 25	Supplemental remarks	Determination
A (2048-3413)	—	Minus correction	No-correction during forward protection state	Asynchronous
B — (3414~4094)	≥16384	non correction		Synchronous
	=16383	Minus correction		
	≤16382	Minus correction		
	≥16384	Plus correction		
	=16383	non correction		
B (4095)	≤16382	Minus correction		
B + (0~681)	≥16384	Plus correction		
	=16383	Plus correction		
	≤16382	non correction		
C (682-2047)	—	Plus correction	No-correction during forward protection state	Asynchronous



FIG. 9

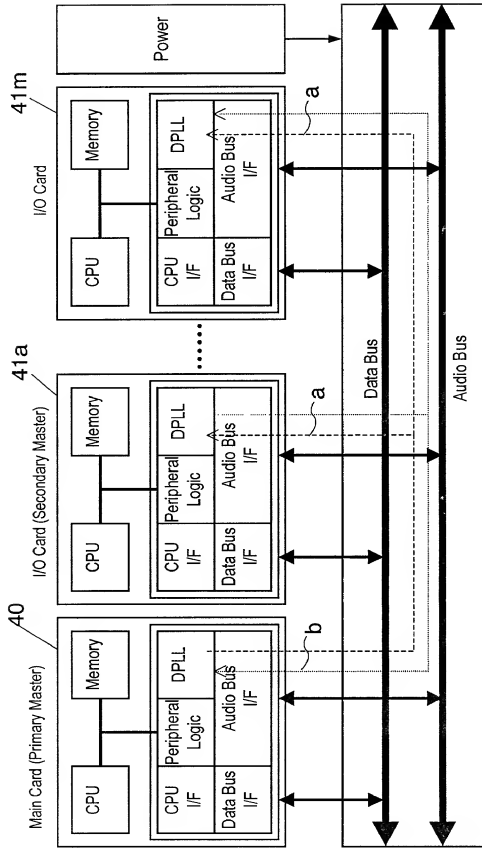


FIG. 10

